A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

COMMISSIONER OF PATENTS ANNUAL REPORT FISCAL YEAR 1972

U.S. DEPARTMENT OF COMMERCE

Patent Office

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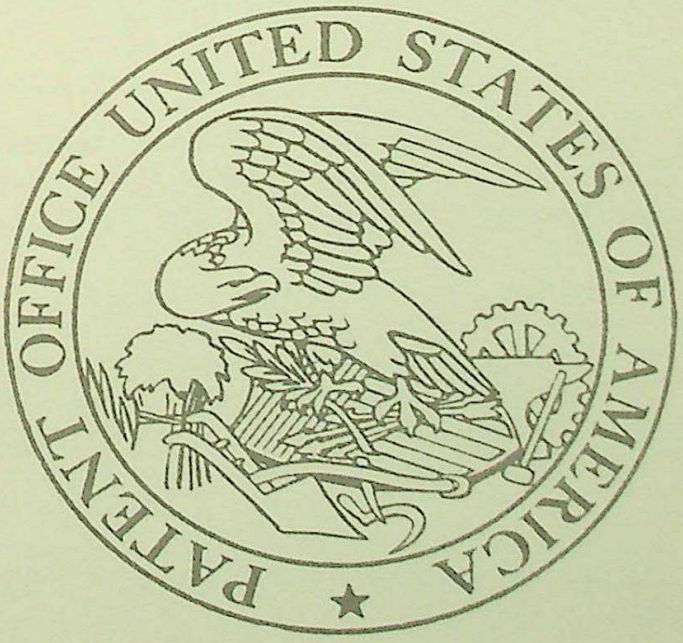
U.S. DEPARTMENT OF COMMERCE / PATENT OFFICE



U.S. DEPARTMENT OF COMMERCE
Peter G. Peterson, Secretary

PATENT OFFICE
Robert Gottschalk, Commissioner

1972

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Commissioner's Annual Report
Fiscal Year 1972

I. Functions

The Patent Office administers the patent laws enacted by Congress (Title 35, United States Code) in accordance with Article 1, Section 8 of the Constitution, and also administers the Federal trademark laws. In discharging its duties relating to patents, the Office examines applications and grants patents when applicants are entitled to them, publishes and disseminates patent information, maintains search files of the United States and foreign patents, maintains a scientific library and a public search room, supplies copies of patents and related official documents to the public, and records assignments of patents. In discharging its duties pursuant to Title 15, Sections 1051 to 1127, United States Code, the Patent Office also examines, registers and maintains records of trademarks used in commerce which qualify for protection under the Federal trademark laws.

II. Fiscal 1972 Highlights

- Patents issued increased by 12,975 to a new high of 83,661, and total applications received were in excess of 103,000.
- The average pendency time of a patent application was reduced from 29 to 25 months.
- Progress continued towards establishment of an international trademark filing agreement. Treaties concerning international classification of goods and services for trademark registrations and concerning international classification of industrial designs were ratified.
- New techniques were adopted which effectively reduced the time for processing and forwarding newly-received trademark applications from 50 working days to 20 working days.
- Services to the public were improved through establishment of a new inquiry center and a "while-you-wait" certification service, ex-

tension of attorney window box service hours, and installation of a rapid reproduction service for providing copies of foreign patents.

- A major effort on the part of the Patent Office, the Government Printing Office, the data base contractors and the offset contractor, resulted in the acceleration of the printing of patents from the normal 12 week to a 5 week period.
- Improvements in readability were made in front page format and typography of printed patents.
- Modernization was introduced in cost accounting systems, payroll systems and property accounting systems.

III. Patent Examining Operations

Intensive work by the Examining Corps contributed in a reduction in the backlog of patent applications awaiting final action. This was achieved by disposing of more applications (106,273) than were received (103,122). This, coupled with accelerated activity in the issue and printing areas, resulted in reducing the pendency time from 29 to 25 months. A few years ago pendency was almost four years.

The Patent Office Board of Patent Interferences decided the most bitterly contested and most voluminous interference proceeding in recent years by awarding right of priority to polypropylene plastic. The interference included 18,314 pages of testimony and 1,486 documentary exhibits, many having 20 or more pages. The printed briefs totaled 1,786 pages.

During its pendency before the Board, this case gave rise to an unprecedented number of ancillary court proceedings among the parties.

In view of the rising number of appeals and the impending retirement on June 30, 1972 of three members of the Board of Appeals the practice of designating acting members was resumed May 1, 1972. Subsequently, six acting members have now been designated and are presently serving to help reduce the appeal backlog.

IV. Trademark Examining Operation

There were 33,741 applications for registration filed during fiscal 1972, representing an increase of 938 over the previous fiscal year. During this fiscal year, disposals totaled 30,531, consisting of 22,875 marks which were registered on either the Principal Register or the Supplemental Register, and 7,656 applications which were abandoned. The increase in the number of pending applications for the fiscal year was 3210. The total backlog of pending applications on June 30, 1972 was 58,033.

At the end of the fiscal year, the Trademark Examining Divisions were acting on new applications for registration of marks within 10 months from the date of filing.

During the fiscal year, 25,049 marks were published for opposition and 1,181 oppositions were received. There were 156 interference proceedings instituted, and 2,958 requests were filed for extension of time for filing an opposition.

In the Trademark Examining Operation, digests of current assignments were entered in 13,775 registered files and in 1,763 pending files. Eventually each trademark registration file will contain a complete record of assignments affecting that title.

During fiscal 1972, the Trademark Trial and Appeal Board decided 496 cases. Of this total, 376 were in adversary proceedings, and 120 were ex parte appeals. An additional 1,165 adversary proceedings were disposed of during interlocutory stages, and 124 ex parte appeals were disposed of prior to hearing.

V. Patent and Trademark Legislation

The Department of Commerce continued to support provisions of Senator McClellan's bill, S. 643, with certain modifications, which would modernize and improve the patent laws. These included provisions for filing of patent applications by assignees, for clarifying standards for judging novelty and non-obviousness of inventions, for reexamining issued patents, and for changing the patent term to expire 20 years from the filing date of the patent application.

The Department also supported patent licensing-antitrust amendments to S. 643 similar to the ones proposed by Senator Scott to clarify and stabilize the relationship between patent licensing-antitrust law. However, in October, 1971, S. 643 was approved by the Senate Subcommittee on Patents, Trademarks, and Copyrights without the patent licensing-antitrust provisions, but with other features and changes, several of which were contrary to the Commerce position.

Public law 92–132 was enacted on October 6, 1971, amending the patent laws giving specific authority to the Commissioner of Patents to carry out studies and programs on domestic and international patent and trademark matters, and to authorize voluntary contributions by the Patent Office to the World Intellectual Property Organization for conducting activities of benefit to this office.

Legislation to recognize the right of priority in patent applications for earlier filed inventor's certificates was supported by the Department of Commerce. The bill was passed by the House of Representa-

tives and was favorably reported out by the Senate Judiciary Committee. Enactment of this legislation would enable the United States to adhere to Articles 1–12 of the Stockholm Revision of the Paris Convention for the Protection of Industrial Property.

Two Department of Commerce bills relating to the Trademark Act were introduced in Congress. One would permit the filing of applications for registration of trademarks on the basis of an intent to use the mark in commerce, instead of requiring actual use prior to filing of the application as under present law. The other bill would make three changes in the Trademark Act—extend the time available for filing oppositions to the registration of trademarks; eliminate the requirement for filing reasons of appeal in the Patent Office when taking an appeal to the Court of Customs and Patent Appeals; and authorize the award of attorney's fees in trademark suits, as presently in patent suits.

VI. International Activity

Significant progress was achieved during the year towards an international trademark filing agreement. The proposed agreement, called the Trademark Registration Treaty, was drafted by the World Intellectual Property Organization, with the United States playing a leading role. A second formal draft of the Treaty was considered by a Committee of Experts that met in Geneva, Switzerland from May 2–8, 1972. This meeting narrowed the issues and perfected the draft in preparation for a Diplomatic Conference to negotiate the Treaty scheduled for April, 1973, in Vienna, Austria.

The Patent Office continued work in preparation for ratification and implementation of the Patent Cooperation Treaty. This Treaty will assist U. S. citizens in obtaining patent protection abroad. It will eventually reduce the duplication of clerical and searching effort between the U. S. Patent Office and Patent Offices of other countries as to a family of applications on the same invention.

The United States ratified two treaties in the industrial property field on January 26, 1972. These were the Nice Agreement Concerning the International Classification of Goods and Services for the Purposes of the Registration of Marks, and the Locarno Agreement Establishing an International Classification for Industrial Designs. The Nice Agreement establishes an international trademark classification system used by over 60 countries as either their primary or secondary system. The Patent Office held a hearing on June 14, 1972, regarding the possible adoption of the classification established by the Nice Agreement as the primary classification for U. S. trademarks. The design classification

of the Locarno Agreement is in use in the Patent Office as a secondary system.

VII. Search Systems Development

Considerable effort was devoted to search systems development during the past year. However, a decision has been made to reprogram the resources allocated to the expansion of the mechanized classification system in order to refine and update the manual classification system. This decision was made in light of the moderate advances made in the area of automated classification systems and the recognized need to rapidly update the existing manual classification system to achieve an 18 month pendency.

Work continued on design of a communications format for patents to achieve compatibility between retrospective data bases and the current issue data base. Recommendations for achieving such compatibility were made and are being evaluated.

Progress was made in the development of two on-line experimental information retrieval systems. One is a chemical compound retrieval and display system of advanced capability, programmed to permit search on 13 parameters for selection of candidate chemical structures.

A second experimental retrieval system for full patent text is being programmed. Features of this system include English-language commands, machine guidance to users, full string-search capability and high visibility Cathode-Ray Tube display.

Additionally, to further improve patent retrieval and classification capabilities, the Patent Office and National Science Foundation joined in a project to determine the applicability on patent text of a program developed at Lehigh University to identify noun-phrases.

VIII. Solicitor

The indexing of the final opinions of Patent Office tribunals to conform with the Freedom of Information Act (Sec. 552, Title 5, U. S. Code) has been substantially completed. These indices are expected to be available to the public in the near future.

Preparation of camera-ready typed copy of briefs for the Commissioner of Patents to use in appeals before the United States Court of Customs and Patent Appeals has been instituted in lieu of printing, with considerable projected savings in printing cost.

The U. S. Supreme Court granted the Office petition for writ of certiorari in the Benson et al. case involving patentability of computer

software. A decision will be forthcoming on the appeal in the Fall term.

Requests for Examiner testimony in patent infringement suits has increased significantly. To simplify matters, a procedure was instituted whereby the Examiner's testimony could be taken without subpoena, provided that the party seeking the testimony agreed to conform to guidelines laid down in In re Maywesky, 162 USPQ 86.

The Committee on Enrollment is preparing a revised edition of the Roster of Attorneys Registered to Practice Before the United States Patent Office to be published on or before February of 1973. The Roster will incorporate, in one volume, listings of attorneys arranged alphabetically, by state and country. It is planned that a revised Roster will henceforth be published on an annual basis.

IX. Patent Office Academy

The Academy training program has been revised to operate on a schedule of five half-day sessions a week for six weeks, rather than the former two full-day sessions a week for eight weeks. This change will provide junior examiners with a daily mix of Academy and on-the-job training in the procedures and practices involved in effectively examining applications for U. S. Patents.

Hiring restrictions prevented holding Academy sessions during FY 1972. However, a number of applications for Academy training were received from outside interests, including three non-Patent Office U. S. Government employees, three persons from private industry, and thirteen persons from other countries. Academy training for these applicants, together with some 104 examiners hired late in FY 1972, is planned for early FY 1973.

X. Patent Printing

Improvements were made in the front page format of patents, relating mainly to the sequence and grouping of data items and to various features of typography. Information is offered in a more logical and useful arrangement and presented more effectively through use of different weights of type face which aid in distinguishing data elements.

Legibility of tables appearing in patents which are photo-composed on the Linotron at GPO was improved by an 11 per cent increase in type size. Additional changes in typography were adopted, including use of more white space between printed lines, thus providing for greater visibility. These changes were accomplished without expenditures for

new type, as was previously necessary, and illustrate the flexibility of the Linotron photocomposing method.

In addition, the Patent Office exercised its option to extend a contract with regard to services related to patent printing. Under this contract, the full text of most allowed applications is processed onto magnetic tape which is then used by GPO in electronic "typesetting" for printing the patents.

XI. Technical Information Systems

An information retrieval and display system providing rapid response to queries concerning the official patent classification of a patent was approved for procurement. Facilities will be installed in the Public Search Room primarily to serve the public while separate installations will serve patent examiners and others of the Patent Office. The system integrates computer and microfilm technologies providing a screen display of the desired information. The keyboard activates a mini-computer which stores indexed information and controls selection of the pertinent microfilm image to provide the user with direct and rapid access to the desired information.

In the process of recording photographic images of classification data for use within this system a current and updatable 16mm microfilm is created. Copies of this film can also be used on conventional microfilm readers. It will be made available for sale through the National Technical Information Service (NTIS) to replace the out-of-date classification microfilm now offered by that Agency.

Additional copying equipment was ordered for installation to serve the patent examining groups. This will facilitate the reproduction of less available references from the search files for inclusion with Office mailings, will speed up such mailings and will reduce significantly the time that such references are out-of-file, thus increasing the integrity of the files for searching purposes.

A comprehensive study was made of the condition, utilization, and effectiveness of systems and services within the Patent Office which provide scientific and technical information to patent examiners, or serve as a resource for public needs. Effective searches require that substantially all relevant scientific information, including technical literature as well as U.S. and foreign patents, be readily available and accessible to examiners. The study identified particular problems or deficiencies in the present system in order to improve the searches. Several of the recommendations resulting from the study have been, or

are in process of, being implemented. Others are being studied and evaluated.

XII. Methods Improvement

Based upon recommendations of the Trademark Advisory Committee, a Patent Office team designed and implemented an improved system for processing new trademark applications. The system reduced the time for processing and forwarding such applications to the examiners from over 50 working days to about 20 days. Drawings filed with the applications are now available in the Trademark Search Room within a few days after receipt by the Office. In addition, the Search Room was physically rearranged to improve lighting, to provide a more orderly layout of search files, and to better utilize available space.

First-line supervisors were trained in using analytical techniques contributing to work simplification and procedure improvement. Continued instruction is planned to enhance supervisory skills at all echelons.

XIII. New Initiatives

A. *Cost Accounting System*—The Office of Finance installed a Cost Accounting System which provides cost data by program, project, and organization (cost center); and provides full cost support for integrated planning, programming, and budgeting requirements, including cost data for budget formulation and external reporting.

B. *Payroll System*—The Office of Finance installed a fully automated payroll system for computation of gross pay, withholdings and deductions, net pay, and report preparation. The payroll system is integrated with the cost system and the general ledger accounts. The accounting system distributes the bi-weekly payrolls and related employee benefits on a cost basis by organization and project. The general ledger accounts have control totals for: (a) various types of detailed information needed for reporting to the Civil Service Commission and other Government and State agencies; (b) Federal contribution to various employee benefit programs; and (c) collection and disbursement of various funds of employee deductions.

C. *Property Accountability*—In order to account for public funds invested in property held by the Patent Office, a property accounting system has been instituted. It is an integrated system under general ledger control, which meets all the needs of the Patent Office in the procurement, utilization, and disposition of property, including ade-

quate safeguards to assure against loss, theft, and misuse. The system includes provisions for the systematic recording of depreciation and the distribution of such costs to the benefiting activities.

D. *Parallel Application Branch*—A temporary Parallel Application Branch was established November 8, 1971, in an effort to reduce a backlog of newly-filed applications. At that time, approximately 60 calendar days elapsed between filing of an application and mailing of the Official Filing Receipt. The establishment and operation of the Parallel Application Branch enabled the Patent Office to significantly reduce the processing backlog, thus moving these applications forward to the examining groups. In so doing, the preexamining processing and the mailing of filing receipts was reduced by approximately 30 days.

E. *Foreign Patent Copy Supply*—A Xerox 4000, manned by a full-time operator, was installed in the Scientific Library for the purpose of filling all requests for foreign patent copies. This practice has not only increased the speed and efficiency in providing foreign patent copies to Patent Office personnel and the public, but has also served to maintain the integrity of the foreign patent collection. Now the bound volumes of foreign patents no longer have to be trucked to other areas of the Office for copying.

F. *Inquiry Center*—A new inquiry center was established near the public search room, for use by the public. The new facility enables the public to inquire at a central place about orders for patent copies and certified and non-certified copies of Patent Office documents. In addition, "while-you-wait" certification service is also offered to Patent Office customers.

G. *Attorney Window Boxes*—The hours of access to the Attorney Window Boxes, where Patent Office customers may pick up ordered patent copies, were extended from 6:00 p.m. until 8:00 p.m. A second shift operation is being utilized until 11:00 p.m. so that customers who do not receive their orders by 8:00 p.m. will have them by 8:00 a.m. the following morning.

XIV. Operating Cost and Income

Funds available to the Patent Office for fiscal year 1972 were $62,447,000, comprised of $59,250,000 regular appropriations, $3,122,000 supplemental appropriations for pay act and increased printing costs, and $75,000 received as a reimbursement. Program costs for this period were $61,338,690. Total amount obligated during fiscal 1972 was $62,-368,864, or 99.87 percent of new obligational authority.

Compensation and benefits for an average of 2,600 employees accounted for 70 percent of total operating expenses; printing and reproduction for 24 percent; and all other operating costs for 6 percent.

The Office received $27,932,119 in fees and deposits from all sources. Refunds of $87,869 and net decrease of $38,679 in the deposit fund for unapplied receipts resulted in a net income of $27,882,929. This exceeds by $377,386 the previous record-high amount of $27,505,543 for fiscal 1971. Net income for 1972 was equivalent to 45 percent of operating costs.

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STATISTICAL DATA

1. Pending Patent and Design Applications as of June 30, 1972

Status	Patents, including plants and reissues	Designs
Pre-examination	35,020	2,232
Under examination:		
Awaiting first action by examiners	56,995	3,824
Amended awaiting action by examiners	9,466	192
Awaiting response by applicant	75,827	1,636
In interference	1,007	4
On appeal	2,944	30
Total under examination	146,239	5,686
Post examination:		
Awaiting notice of allowance	4,536	92
Awaiting payment of issue fee	6,892	1,085
D–10's (secret cases in condition for allowance)	3,173	0
Total in post examination	14,601	1,177
In issue process:		
In Patent Office (fee paid prior to June 30)	8,115	31
With printer	14,715	1,369
Total in issue process	22,830	1,400
Total in Office	[1] 218,690	10,495

[1] Inventory adjustment of 28 additional cases.

218,690
10,495
229,185

230,000+

2. Summary of Patent and Design Examining Activities, Fiscal Years 1970–72

Item	1970	1971	1972	Annual average 1963–72
Patents:				
Applications filed:				
General, mechanical, chemical, electrical	100,116	103,733	102,633	92,819
Plants	113	161	166	124
Reissues	344	266	293	281
Total	100,573	104,160	103,122	93,935
Applications allowed	72,298	74,403	69,890	65,380
Applications abandoned	31,394	34,842	36,383	31,078
Total disposals	103,692	109,245	106,273	96,457
Patents issued:				
General, mechanical, chemical, electrical	66,334	70,370	83,215 ~~83,221~~	62,518
Plants	80	77	170	107
Reissues	311	222	264	222
Total	66,725	70,669	~~83,655~~ 83,649	63,392
Patents withheld for nonpayment of final fee (35 U.S.C. 151)	1,793	2,890	2,865	1,911
Designs:				
Applications filed	5,722	6,057	6,358	5,265
Applications allowed	3,440	3,603	3,033	3,322
Applications abandoned	1,453	1,614	1,383	1,873
Design patents issued	3,397	3,097	3,032	3,094

3. Applications for Patents Filed, Fiscal Years

Year	Inventions	Plants	Reissues	Total	Designs
1953	70,025	99	219	70,343	5,433
1954	74,987	90	194	75,271	5,501
1955	78,386	94	230	78,710	5,523
1956	75,420	117	196	75,733	5,322
1957	73,495	99	189	73,783	4,675
1958	76,565	129	262	76,956	4,838
1959	77,978	126	259	78,363	4,994
1960	78,995	117	219	79,331	4,567
1961	80,842	106	223	81,171	4,605
1962	84,864	131	270	85,265	4,963
1963	84,620	149	277	85,046	4,841
1964	87,482	147	207	87,836	5,067
1965	88,908	89	237	89,234	5,319
1966	93,022	103	266	93,391	5,187
1967	88,167	100	241	88,508	4,774
1968	90,252	107	304	90,663	4,889
1969	96,342	103	376	96,821	5,432
1970	100,116	113	344	100,573	5,722
1971	103,733	161	266	104,160	6,057
1972	102,663	166	293	103,122	6,358

4. Patents Granted, Fiscal Years [1]

Year	Inventions	Plants	Reissues	Total	Designs
1953	42,480	91	163	42,734	2,827
1954	38,499	87	167	38,753	2,573
1955	29,473	116	186	29,775	2,533
1956	40,465	88	141	40,694	3,104
1957	44,819	120	163	45,102	2,375
1958	43,407	110	159	43,676	2,572
1959	52,184	128	170	52,482	2,508
1960	50,322	107	178	50,607	2,685
1961	47,222	110	160	47,492	2,488
1962	51,065	88	190	51,343	2,336
1963	53,958	114	215	54,287	2,411
1964	44,050	147	203	44,400	3,019
1965	52,914	127	204	53,245	2,979
1966	66,243	105	238	66,586	3,638
1967	70,028	102	180	70,310	2,840
1968	61,599	67	185	61,851	3,539
1969	61,957	80	201	62,238	2,991
1970	66,339	80	311	66,730	3,401
1971	[2] 70,387	77	222	[2] 70,686	3,097
1972	~~83,227~~ 83,221	170	264	~~83,661~~ 83,649	3,032

[1] Includes withdrawn numbers.
[2] Does not include 1,300 voided numbers.

5. Patent Applications Pending on June 30, of Year Indicated [1]

Year	Total pending [2]	Awaiting action by examiner [3]	Year	Total pending [2]	Awaiting action by examiner [3]
1953	182,650	98,878	1963	209,131	117,610
1954	194,620	116,392	1964	219,691	127,154
1955	221,872	139,931	1965	206,922	147,473
1956	217,536	121,847	1966	209,254	145,101
1957	215,535	106,523	1967	200,739	134,346
1958	207,166	88,804	1968	189,909	108,115
1959	198,248	87,146	1969	[4] 190,558	102,309
1960	195,885	87,122	1970	187,439	79,525
1961	200,934	90,917	1971	184,127	62,492
1962	197,397	100,841	1972	181,259	66,461

[1] Does not include allowed applications and design applications.
[2] Includes applications in preexamining processes.
[3] Includes cases in which Office actions were suspended under rule 103 through 1965.
[4] Revised figure based on inventory adjustment of 3,244 to total pending excluding allowed applications and design applications plus category not previously counted of 2,654.

6. Documentation Activity, Fiscal Years 1968–72

Activity	1968	1969	1970	1971	1972
Classes abolished	4	1	4	1	4
Original patents	46,058	8,895	57,713	7,412	20,431
Cross-reference patents	65,760	2,912	65,658	6,122	18,792
Classes established	4	4	4	1	3
Subclasses	1,431	595	1,318	257	782
Original patents	54,921	10,933	54,588	10,645	37,009
Cross-reference patents	88,777	12,359	64,306	13,345	44,219
Foreign patents	86,182	37,000	76,000	10,000	40,000
Miscellaneous subclasses:					
Established	494	944	317	285	384
Original patents	15,679	15,937	11,453	2,163	11,874
Cross-reference patents	31,342	11,200	20,117	697	20,658
Miscellaneous patents transferred	13,669	8,640	4,848	2,163	5,683
Assignment decisions:					
Written	0	1	2	1,449	6,190
Oral	5,819	6,125	16,199	6,767	*
Letters of inquiry answered	738	534	553	3	64

* No longer reported.

7. Pending Trademark Applications as of June 30, 1972

Status	For registration	For renewal	Under section 12(c)	Section 8 affidavits
Preexamination	796	545	2	1,724
Under examination:				
Awaiting action by examiner:				
First actions	25,520	740	4	1,717
Amended actions	4,364	0	0	0
Awaiting action by others (i.e., applicant, on appeal, in adversary proceedings, clerical processing)	16,201	158	0	405
Total under examination	46,085	898	4	2,122
Total	46,881	1,443	6	3,846
Post examination (includes applications in all phases of publication and issue)	11,152	600	2	.....
Total	58,033	2,043	8	3,846

8. Summary of Trademark Examining Activities, Fiscal Years 1970–72

Item	1970	1971	1972	Annual average 1963–72
Applications for registration filed	33,807	32,803	33,741	29,243
Disposal of trademark applications:				
Applications maturing to registration	23,752	23,710	22,875	21,348
Applications abandoned	6,134	6,974	7,656	6,064
Certificates of registration issued:				
1946 act, principal register	21,018	21,046	20,283	19,281
1946 act, supplemental register	956	822	779	1,046
Total	21,974	21,868	21,062	20,327
Renewal of registration:				
Applications filed	6,329	6,189	5,980	4,487
Applications abandoned	95	95	107	96
Registrations renewed	6,370	6,380	5,836	4,316
Affidavits for benefits under sec. 12(c):				
Affidavits filed	59	76	46	224
Affidavits abandoned	0	0	0	3
Published under sec. 12(c)	103	112	56	263
Affidavits, sec. 8:				
Affidavits filed	14,283	12,263	13,256	13,020
Affidavit disposal	13,854	11,878	11,883	12,749

9. Applications for Trademark Registrations, Renewals, and Sec. 12(c) Affidavits, Fiscal Years 1953–1972

Year	For registration	For renewal	For benefits under sec. 12 (c)	Affidavits received under sec. 8
1953	17,400	3,075	1,309	1,424
1954	19,715	3,887	1,626	16,491
1955	21,515	3,931	1,287	17,773
1956	21,735	3,675	808	12,040
1957	21,581	3,638	843	12,873
1958	21,770	3,237	556	12,126
1959	22,243	3,321	447	11,548
1960	23,242	3,972	419	12,573
1961	23,169	3,476	423	14,581
1952	24,866	3,138	337	14,720
1963	24,224	2,604	311	12,752
1964	25,574	2,824	261	12,055
1965	26,657	3,049	308	13,923
1966	28,438	3,695	518	13,705
1967	27,628	3,844	341	11,156
1968	28,292	4,089	231	12,116
1969	31,268	6,267	90	13,890
1970	33,807	6,329	59	14,283
1971	32,803	6,189	76	12,263
1972	33,741	5,980	46	13,256

10. Trademarks Registered, Renewed and Published Under Sec. 12(c), Fiscal Years [1] 1953–72

Year	Registered	Renewed	Published under sec. 12(c)	Year	Registered	Renewed	Published under sec. 12(c)
1953	16,273	3,268	1,157	1963	18,266	2,450	322
1954	15,197	2,918	1,383	1964	20,689	2,834	329
1955	16,109	4,588	1,544	1965	19,452	2,870	336
1956	21,613	3,315	885	1966	18,671	3,441	497
1957	17,864	4,041	877	1967	20,604	3,820	403
1958	15,979	3,172	555	1968	20,385	3,726	290
1959	17,685	3,249	529	1969	20,306	5,442	182
1960	18,989	3,614	479	1970	21,974	6,370	103
1961	17,406	3,749	451	1971	21,868	6,380	112
1962	15,909	3,071	331	1972	21,062	5,836	56

[1] Includes withdrawn numbers.

11. Actions on Petitions to Commissioner

Acceptance of late priority papers	48
Access	2
Certificates of corrections	10,623
Deferment of issue	79
Express abandonment	153
Filing date	125
Final fee—late payment	543
Interference	126
Make special	151
Public use	23
Reinstatement of appeals	3
Revivals	1,496
Supervisory authority	145
Withdrawals of attorney	1,174
Revocation and Power of Attorney	511
Total	15,202

Pending petitions awaiting action, 655.

12. Summary of Contested Cases in Patent Office During Fiscal Year 1972

Patent cases before the Board of Appeals:		
Pending July 1, 1971		1,756
Filed July 1, 1971–June 30, 1972:		
Appeals (examiners answers only)	3,154	
Reconsideration	273	3,427
Total		5,183
Disposals:		
Examiner affirmed	1,468	
Examiner affirmed-in-part	156	
Examiner reversed	275	
Dismissed	11	
Suspended	0	
Withdrawn	311	[1] 2,513
Pending June 30, 1972		2,670
Cases before the Board of Patent Interferences:		
Pending July 1, 1971		698
Filed July 1, 1971–June 30, 1972 Inter partes cases		345
Total		1,043
Disposals		423
Pending June 30, 1971		620

Cases before the Trademark Trial and Appeal Board:

	Ex Parte	Cancel	Concur.	Inter Partes Interfer.	Opposi-tions	Total
Pending July 1, 1971	109	257	11	119	1,205	1,701
Filed July 1, 1971–June 30, 1972:						
Ex parte appeals	303					303
Inter partes cases		248	10	150	1,179	1,587
Total	412	505	21	269	2,384	3,591
Disposals	289	235	13	121	1,127	1,785
Pending June 30, 1972	123	270	8	148	1,257	1,806

[1] Reconsiderations included, 292.

13. Cases in Litigation (Courts)

	Administrative review	Patent	Trademark	Total
Supreme Court of the United States—Petitions for writ of certiorari:				
Pending July 1, 1971	1	1	0	2
Filed July 1, 1971–June 30, 1972	0	1	0	1
Total	1	2	0	3
Denied	1	1	0	2
Granted	0	1	0	1
Total	1	2	0	3
Pending June 30, 1972	0	0	0	0
United States Court of Appeals—District of Columbia Circuit:				
Cases Pending July 1, 1971	3	5	0	8
Appeals taken July 1, 1971–June 30, 1972	3	6	0	9
Total	6	11	0	17
Cases disposed of:				
Affirmed	4	1	0	5
Dismissed	1	0	0	1
Remanded	0	1	0	1
Reversed	1	0	0	1
Total	6	2	0	8
Pending June 30, 1972	0	9	0	9
United States District Court for the District of Columbia:				
Pending July 1, 1971	3	69	0	72
Filed July 1, 1971–June 30, 1972	2	23	2	~~26~~ 27
Total	5	92	2	~~98~~ 99
Cases disposed of:				
Affirmed	1	7	0	8
Affirmed-in-part	0	0	0	0
Reversed	0	1	0	1
Dismissed on:				
Plantiff's motion	0	0	0	0
Defendant's motion	3	1	0	4
Stipulation of counsel	0	22	1	23
Want of prosecution	0	0	0	0
Remanded	0	1	0	1
Total	4	32	1	37
Pending June 30, 1972	1	60	1	62

Notices of appeals to U.S. Court of Customs and Patent Appeals Received July 1, 1971–June 30, 1972:

Ex parte patents and trademarks = 82 (7 not perfected).
Inter partes patents = 18 (1 not perfected).
Inter partes trademarks = 32 (17 not perfected).

13. Cases in Litigation (Courts)—Continued

	Ex parte		Inter partes		Total
	Patent	Trade-mark	Patent	Trade-mark	
United States Court of Customs and Patent Appeals					
Cases pending July 1, 1971	205	21	60	97	383
Filed July 1, 1971 through June 30, 1972	64	6	15	21	106
Total	269	27	75	118	489
Cases disposed of:					
Affirmed	43	1	10	16	70
Affirmed-in-part	4	0	0	0	4
Remanded	6	1	1	0	8
Reversed	13	3	6	5	27
Dismissed:					
On appellant's motion	20	1	3	8	32
Appellees motion	0	0	0	0	0
On want of prosecution	3	0	1	1	5
Total	89	6	21	30	146
Pending July 1, 1972	180	21	54	88	343

14. Litigation Report, Other Jurisdictions, July 1, 1971–June 30, 1972 (Cases reported)

Month	Patent suits				Trademark suits			
	Filed	Pat's Involved	Decs.	Pat's Involved	Filed	TM's Involved	Decs.	TM's Involved
July	71	87	39	52	31	81	12	26
Aug	54	68	13	20	22	46	11	35
Sept	52	120	39	41	33	148	12	29
Oct	50	83	32	32	26	67	9	12
Nov	106	139	89	125	43	57	20	83
Dec	39	46	24	42	26	38	17	30
Jan	51	63	31	49	37	89	12	57
Feb	47	57	27	38	31	104	17	56
Mar	67	112	34	41	32	81	21	46
Apr	63	108	30	40	25	162	16	117
May	74	117	31	74	40	123	13	74
June	48	56	24	35	20	141	16	39
Total	722	1,056	413	589	366	1,137	176	604

15. Summary of Patent Office Services Furnished for Fees or Without Charge to the Public and Government Agencies During Fiscal Year 1972

Item or service provided	Total supplied	Patent Office use	Furnished other Government agencies	Number for which charge was made
Prints furnished: Manuscripts, patents, publications, etc.	14,568,734	3,576,232		10,992,502
Certificates prepared	156,212	14		156,198
Assignments:				
Abstract of title and title searches	1,040			1,040
Title reports	16,268	16,268		
Instruments recorded	88,369			88,369
Patents and trademarks:				
Orders	5,394,287	476,460	625	4,917,202
Foreign exchange	4,037,073		4,037,073	
Library subscriptions	1,503,048			1,503,048
RPU	758,123	758,123		
Archives	231,943		231,943	
Total	11,924,474	1,234,583	4,269,641	6,420,250
Drawings and corrections	13,289			13,226

16. Patents Issued to Residents of United States, Calendar Years 1962–71 (excludes designs, plants and reissues)

States and territories	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Alabama	209	178	153	236	232	248	236	258	254	308
Alaska	18	7	9	13	14	19	12	22	28	27
American Samoa						2	3	1	2	4
Arizona	164	190	188	249	290	356	279	301	308	376
Arkansas	92	69	63	85	74	56	54	77	94	97
California	5,162	4,358	4,603	6,304	6,777	6,264	5,630	6,372	5,960	7,301
Canal Zone	1					13	7	7	12	14
Colorado	262	233	222	333	321	325	327	412	371	509
Connecticut	1,545	1,136	1,305	1,742	1,859	1,677	1,567	1,664	1,569	1,818
Delaware	526	359	373	479	608	595	558	564	530	511
District of Columbia	169	145	157	181	161	236	154	268	208	243
Florida	600	528	590	725	790	832	794	769	789	1,000
Georgia	222	186	174	276	284	310	294	300	251	372
Guam				1		5	2	2	9	4
Hawaii	28	20	20	13	25	19	22	40	46	36
Idaho	61	53	40	46	52	48	56	65	67	68
Illinois	3,991	3,288	3,450	4,508	4,561	4,161	3,712	3,968	3,701	4,398
Indiana	1,229	994	979	1,286	1,375	1,219	1,100	1,151	1,109	1,361
Iowa	414	286	341	490	443	395	321	354	353	446
Kansas	263	181	211	270	314	273	263	257	274	286
Kentucky	294	253	235	302	355	381	308	363	302	385
Louisiana	258	249	221	289	322	367	327	308	308	377
Maine	62	48	61	62	72	80	67	50	70	91
Maryland	807	692	760	1,013	1,073	1,058	915	1,145	903	1,197
Massachusetts	1,852	1,647	1,713	2,095	2,386	2,149	1,911	2,190	2,086	2,627
Michigan	2,931	2,347	2,433	3,135	3,494	3,164	2,815	3,001	2,689	3,257
Minnesota	827	710	724	982	1,069	985	882	1,068	974	1,082
Mississippi	36	48	45	50	50	65	47	76	57	81
Missouri	644	559	567	685	864	827	693	810	647	826

16. Patents Issued to Residents of United States, Calendar Years 1962–71 (excludes designs, plants and reissues)—Continued

States and territories	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Montana	53	32	44	26	37	57	52	54	37	46
Nebraska	112	103	85	115	144	161	105	102	97	142
Nevada	32	34	28	40	47	50	38	49	49	80
New Hampshire	124	109	92	135	153	157	114	154	174	216
New Jersey	3,707	2,850	3,132	3,987	4,512	4,370	3,768	4,369	4,126	4,495
New Mexico	103	77	103	108	115	120	88	115	71	108
New York	5,538	4,432	4,579	5,812	6,202	5,503	4,955	5,541	5,314	6,108
North Carolina	330	276	315	405	467	586	494	495	462	585
North Dakota	43	40	36	32	40	46	47	51	38	49
Ohio	3,589	2,918	2,665	3,574	3,812	3,482	3,208	3,403	3,110	3,782
Oklahoma	744	624	579	865	937	878	814	789	716	845
Oregon	256	222	243	296	329	319	271	309	280	411
Pennsylvania	3,480	2,753	2,854	3,901	4,131	3,824	3,378	3,726	3,527	3,943
Puerto Rico	13	7	8	15	19	23	19	25	39	45
Rhode Island	222	161	193	198	247	237	197	222	208	229
South Carolina	124	123	127	158	200	222	168	222	179	264
South Dakota	32	37	30	37	34	51	38	35	42	61
Tennessee	307	321	273	367	489	435	417	430	359	380
Texas	1,532	1,340	1,271	1,578	1,806	1,769	1,770	1,900	1,831	1,992
Utah	116	99	99	136	155	128	120	160	150	209
Vermont	44	30	40	57	48	47	61	65	63	128
Virginia	492	408	449	656	738	781	660	658	609	740
Virgin Islands	.....	.....	1	.....	1	2	11	18	15	19
Washington	434	337	361	448	506	445	391	480	397	525
West Virginia	306	177	188	218	266	245	209	180	165	149
Wisconsin	1,147	883	947	1,277	1,303	1,171	1,000	1,035	1,013	1,274
Wyoming	24	19	25	35	24	29	31	28	29	47
U.S. Air Force	2	.....	5	.....	3	.....	2	4	6	6
U.S. Army	5	.....	.....	1	.....	2	.....	.....	.....	7
U.S. Navy	1	.....	1	5	4	5	.....	3	1	1
Total	45,579	37,176	38,410	50,332	54,634	51,274	45,782	50,395	47,073	55,988

17. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1967–71 (Includes reissues, excludes plants and designs)

Country	1967	1968	1969	1970*	1971
Algeria			2		1
Argentina	35	45	41	52	49
Australia	263	313	308	293	324
Austria	273	286	337	333	369
Belgium	319	384	377	330	387
Bermuda		2	1	1	2
Bolivia	1	1	1	1	
Brazil	30	29	22	30	51
British West Indies	6	3	9	14	1
Bulgaria	11	10	27	16	20
Cameroon			1		
Canada	1,456	1,558	1,707	1,843	2,025
Ceylon					
Chile	7	6	10	6	9
China, Republic of	13	3	19	27	28
Colombia	6	1	9	4	
Congo (Brazzaville)			1		
Costa Rica	2	1	2		
Cuba			1	2	
Cyprus					
Czechoslavakia	160	174	218	134	166
Denmark	168	195	221	211	275
Dominican Republic					
Ecuador			1		
El Salvador	5		3		
Ethiopia			2	1	
Finland	73	94	103	125	154
France	2,385	2,522	2,821	2,625	2,987
Germany, Federal Republic of	5,734	6,455	7,405	7,798	7,772
Greece	9	19	17	16	15
Guatemala	1		2	2	1
Haiti	2	1	1		
Honduras				2	
Hong Kong	7		24	23	25
Hungary	66	54	70	80	88
Iceland	2		4	2	
India	32	13	30	21	22
Indonesia			3		1
Iran	4		4	1	4
Ireland	27	29	44	44	33
Israel	64	73	87	90	120
Italy	866	960	1,031	1,105	1,160
Jamaica	4	4	4	1	
Japan	3,354	4,051	5,430	6,093	7,418
Jordan		1	1	1	
Kenya	4		1	2	
Korea	2	4	11	13	4
Kuwait			1		
Lebanon	3		6		2
Liberia			2		
Libya				5	
Liechtenstein	13	13	27	25	23
Luxembourg			14	16	11
Malaysia	2			2	1
Mali			1		

17. United States Patent Applications Filed by Residents of Foreign Countries, Calendar Years 1967–71 (Includes reissues, excludes plants and designs)—Continued

Country	1967	1968	1969	1970*	1971
Malta				1	
Mexico	78	177	74	73	87
Monaco	2	1	7	2	
Morocco	1			1	
Netherlands	711	790	899	886	1,017
New Zealand	22	22	34	38	54
Nicaragua				2	
Nigeria	1		2		
Norway	90	95	107	130	146
Pakistan		1		2	
Panama			4	4	
Paraguay			2	1	
Peru	7	7	7	4	5
Philippines	4	9	13	17	12
Poland	48	55	59	45	51
Portugal	12	15	13	10	9
Rhodesia	3	1	2	4	
Rumania	45	53	59	45	53
Saudi Arabia	4	1	5		
Senegal			5		
South Africa, Republic of	101	102	115	98	149
Singapore			2		5
Spain	106	133	145	123	156
Sudan			2		
Sweden	825	941	1,070	957	1,148
Switzerland	1,513	1,551	1,698	1,770	1,848
Tanzania			17	1	
Thailand		1	3		14
Trinidad & Tobago			1		2
Turkey	3	1	6	5	3
Uganda			2	1	
Union of Soviet Socialist Republics	427	329	438	445	578
United Arab Republic		17			1
United Kingdom	4,597	4,660	5,216	4,746	4,734
Uruguay	2	1	7	3	5
Venezuela	9	6	14	11	5
Viet Nam (South)		1			
Yugoslavia	17	17	12	14	10
Zambia			3	3	
Other	9				
Total	24,046	26,291	30,507	30,832	33,640

*Revised.

18. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1962–71 (excludes plants, designs, and reissues)

Country	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Algeria	2	3		2			1		1	
Argentina	14	19	27	18	20	16	18	17	24	22
Australia	82	69	80	110	110	151	119	155	143	200
Austria	125	86	91	143	128	151	160	191	191	250
Belgium	106	85	131	184	185	176	169	220	233	305
Bermuda		3	2	3	2	1		3	2	4
Bolivia						1	1	2	8	6
Brazil	19	17	10	11	17	12	13	18	16	14
British West Indies	3	5	8	3	1	4	4	9	1	12
Bulgaria	1		1	1		5	1	7	9	11
Burma	1									
Cameroon					1					
Canada	685	606	648	853	938	991	897	994	1,065	1,327
Ceylon		1						1		
Chile	5	1	1	3	1	3	2	8	2	8
China, Republic of	2	4	3	4	2	9	5	5	6	15
Colombia	3	2	3	5	8	4	2	5	6	7
Congo (Brazzaville)			3						2	
Costa Rica		1		2		2		1		2
Cuba	13	8	1	1					1	2
Cyprus							1		1	
Czechoslovakia	49	44	34	52	38	96	96	132	118	154
Dahomey									1	
Denmark	64	70	63	88	101	123	82	144	138	169
Dominican Republic			2	1						
Ecuador		1			2	2		4	2	3
El Salvador	1	1		1	1	4	2	3	1	1
Ethiopia									1	
Finland	18	18	9	22	27	34	31	43	46	59
France	1,039	854	1,013	1,372	1,436	1,558	1,446	1,808	1,732	2,214
Germany, Federal Republic of	2,847	2,338	2,420	3,388	3,981	3,766	3,442	4,523	4,434	5,521
Greece	3	7	1	5	5	13	3	11	8	6
Guatemala		2			5	5		4	2	3

18. Patents Issued by the United States to Residents of Foreign Countries, Calendar Years 1962–71 (excludes plants, designs, and reissues)—Continued

Country	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Haiti					2	2	2	2	1	3
Honduras	1				1		1	5	3	1
Hong Kong	4	6	5	6	8	12	7	7	8	20
Hungary	17	13	20	20	31	23	21	22	37	38
Iceland			2	3	2	1	4	1	7	9
India	7	4	7	8	5	10	15	18	16	10
Indonesia		1			5	12	25		1	2
Iran		1	1	1	2	3	1	1	4	3
Ireland		1	10	5	9	8	10	13	12	29
Israel	17	20	26	33	45	53	38	61	46	54
Italy	388	345	308	414	429	471	477	556	572	726
Jamaica						1	1		1	
Japan	421	407	545	919	1,122	1,424	1,464	2,152	2,625	4,033
Kenya	1		3		2	1	2	1	4	1
Korea	2		3	2	2		2		3	2
Kuwait								1		
Lebanon	4	4			1		3	2	1	4
Liberia							1			
Libya		1		1						
Liechtenstein	12	5	10	14	12	13	15	14	23	28
Luxembourg	3	5	4	3	6	7	7	2	1	5
Madagascar									1	
Malaysia		1		2	2				1	
Mauritania									1	
Mexico	91	92	72	87	99	43	40	68	43	64
Monaco	1	1	2	2	6	3	4	4	2	4
Morocco	3	3	3	6	6	3	4	1	2	
Netherlands	483	329	356	519	482	507	476	558	543	695
New Zealand	10	12	12	17	10	15	13	16	14	17
Nicaragua					2	4	2	2	1	2
Nigeria						2	2	1	1	4
Norway	39	33	43	52	59	49	49	69	68	77
Pakistan	5	2		1	2	2		1	1	
Panama	2	2	2	1	1				1	1

Peru	2	1	5	5	2	5	5	5	6	3
Philippines	1	7	5	2	4	1	2	4	2	5
Poland		3	1	9	10	12	25	31	33	31
Portugal	3	3	2	2	4	1	7	6	3	7
Rhodesia	3	5	3	4	2	2		3		5
Rumania	1	2	2	2	4	6	21	21	37	35
Saudi Arabia			1		1		1		3	1
Senegal		1								
Singapore						1	1	2		4
South Africa, Republic of	33	30	34	69	48	52	35	65	49	69
Southwest Africa									1	2
Spain	18	26	19	49	50	46	48	59	57	74
Sudan							2		2	1
Sweden	414	386	368	562	537	574	569	673	627	843
Switzerland	771	668	667	862	983	948	822	1,058	1,112	1,281
Syria	1									
Tanzania								3		3
Thailand										1
Trinidad & Tobago			1		2		1	1	2	3
Tunisia		1		1		1				
Turkey	1		2		2	4	3	1		3
U.A.R.										2
Uganda					1		1			
Union of Soviet Socialist Republics	3	15	12	28	66	115	95	159	218	326
United Arab Republic	2		1	1	3	4	1			2
United Kingdom	2,248	1,810	1,839	2,574	2,677	2,799	2,481	3,175	2,952	3,456
Urugay	4	3	3	3	2	1	1		1	2
Venezuela	10	9	12	11	7	5	13	6	3	13
Viet Nam (South)								1		1
Yugoslavia	3	2	4	3	4	4	4	3	6	9
Zambia					1	1			2	1
Total	10,112	8,505	8,966	12,525	13,772	14,378	13,320	17,162	17,354	22,328

19. United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1969–71

	Applications			Registrations		
	1969	1970	1971	1969	1970	1971
Argentina	12	17	17	8	7	2
Australia	38	21	22	16	14	17
Austria	16	23	30	12	13	11
Bahamas		3				1
Belgium	27	35	24	20	16	19
Bermuda			1			
Brazil	10	12	12	3	6	2
British West Indies	4		4	7	1	
Bulgaria	3			1		
Canada	337	419	389	215	181	196
Central African Republic						
Ceylon						1
Chile	2		3		1	
China (National Republic)	1	1	1		1	
Colombia	2	3	7	1		1
Costa Rica		2	1		1	1
Cuba						
Cyprus			1			
Czechoslovakia	4	10	5	8	7	2
Denmark	39	64	47	24	16	30
Dominican Republic	1		1		1	
Ecuador	1					
El Salvador		2				
Finland	29	19	12	8	9	7
France	335	329	407	178	220	176
Germany, Federal Republic of	389	409	408	264	297	271
Greece	4	9	6	1	5	
Guatemala			1	1		
Honduras	1					
Hong Kong	8	11	12	6	13	6
Hungary		2		1		
Iceland	1					
India	4	1			1	1
Iran			1			
Ireland	44	3	6	4	28	10
Israel	7	5	8	5	3	1
Italy	151	162	137	87	80	107
Jamaica					1	3
Japan	373	418	365	271	196	214
Kenya						1
Korea	3		2		1	1
Kuwait						
Lebanon			2			
Liechtenstein	5	8	4	6	5	4
Luxembourg		1	2		2	1
Mexico	17	29	29	17	33	9
Monaco	1		3	2	1	
Morocco	1				1	
Netherlands	71	115	61	42	51	50
New Zealand	4	5	11	2	2	4
Norway	10	16	13	11	9	6
Pakistan	2				1	
Panama	4	9	1	3	2	6
Peru	1	2		1		
Philippines	6	8	2		2	2
Poland	6	5	3	7	8	4

19. United States Trademark Applications and Registrations, Foreign Residents, Calendar Years 1969–71—Continued

	Applications			Registrations		
	1969	1970	1971	1969	1970	1971
Portugal	4	3	8	6	5	1
Rumania						
Saudi Arabia			1			
Singapore		7	1		2	
South Africa, Republic of	11	11	17	11	8	7
Rhodesia				1		
Spain	82	72	110	26	51	42
Sweden	74	92	78	62	45	57
Switzerland	231	205	213	117	120	135
Tanzania				1		
Thailand						
Trinidad & Tobago			1			
Turkey			1			
Union of Soviet Socialist Republics	1			1		1
United Kingdom	431	478	432	302	264	297
Uruguay						
Venezuela		3	1	2	2	1
Yugoslavia		4				1
Other						
Total	2,898	3,053	2,924	1,761	1,733	1,709

20. Income From Fees, Fiscal Years 1968–1972

(In Thousands of Dollars)

	1968	1969	1970	1971	1972
Patent issue fee, including printing	9,274	9,067	9,000	10,490	10,436
Patent application filing fee, including extra claims	7,638	8,332	8,720	8,880	8,838
Printed copies, U.S. patents, designs, and trademarks	2,638	2,564	2,588	2,358	2,467
Recording assignments	1,476	1,651	1,801	1,711	1,851
Trademark application filing fee	998	1,154	1,235	1,229	1,243
Reproduction of records	1,038	1,126	1,159	1,063	1,065
Appeals, including briefs	561	582	677	636	757
Making, mounting, correction, and comparison of drawings	129	142	138	139	155
Trademark renewal filing fee	102	154	159	155	150
Design application filing fee	98	109	115	123	129
Filing of affidavits pertaining to use or non-use of trademarks [1]	(*)	(*)	(*)	34	127
Special service on orders	155	122	144	166	122
Certification of records	107	128	136	124	120
Design issue fee	103	88	113	95	91
Disclosure documents filed [2]		(*)	23	34	60
Trademark oppositions and cancellations	37	37	38	40	41
Subscription service for copies	34	35	37	38	39
Petition fees	20	25	32	38	37
Attorney registrations and certificates	(*)	17	41	29	26
Patent reissue filing fee, including extra claims	21	26	28	28	25
Certificates of correction	(*)	(*)	15	15	19
Patent and trademark disclaimers	(*)	(*)	(*)	(*)	18
Other fees [3]	97	97	79	81	67
Total	24,526	25,456	26,278	27,506	27,883

[1] Includes fees first applicable in FY 1971 under P.L. 89–83.
[2] Fee was not in effect until May 1969.
[3] Approximately 40 types of fees amounting to less than $15,000 for each type.
*Less than $15,000.

21. End of Year Employment Fiscal Years 1968–1972

	1968	1969	1970	1971	1972
Office of Commissioner	26	23	22	18	15
Office of Solicitor	22	22	22	18	21
Office of Patent Examining	1,674	1,595	1,706	1,625	1,673
Office of Appeals, Legislation and Trademarks	193	191	201	179	195
Office of Search Systems Development	209	224	178	122	150
Office of Administration	670	643	656	720	782
Total	2,794	2,698	2,785	2,682	2,836
Patent professional	1,300	1,248	1,303	1,242	1,276
Trademark professional	55	55	55	55	57
All other	1,439	1,395	1,427	1,385	1,503
Total	2,794	2,698	2,785	2,682	2,836

NOTE: Because of reorganizations, the distribution between cost centers is not comparable by years.

22. Average Number of All Employees Fiscal Years 1968–1972

	1968	1969	1970	1971	1972
Office of Commissioner	23	22	21	18	22
Office of Solicitor	19	21	21	19	18
Office of Patent Examining	1,599	1,581	1,583	1,634	1,576
Office of Appeals, Legislation, and Trademarks	196	185	179	186	177
Office of Search Systems Development	196	187	172	148	126
Office of Administration	624	593	593	651	681
Total	2,657	2,589	2,569	2,656	2,600
Patent professional	1,248	1,267	1,258	1,216	1,214
Trademark professional	53	54	53	51	53
All other	1,356	1,268	1,258	1,389	1,333
Total	2,657	2,589	2,569	2,656	2,600

NOTE: Because of reorganizations, the distribution between cost centers is not comparable by years.

23. Operating Cost, Fiscal Years 1968–1972

(In Thousands of Dollars)

	1968	1969	1970	1971	1972
Office of Commissioner	$ 381	$ 423	$ 467	$ 426	$ 539
Office of Solicitor	330	368	410	412	427
Office of Appeals, Legislation and Trademarks	2,598	2,741	3,092	3,274	3,540
Office of Patent Examining	21,100	23,553	26,900	29,012	30,588
Office of Search Systems and Documentation	2,674	2,817	2,867	2,884	2,591
Office of Administration	11,488	12,674	15,631	19,115*	23,654*
Total	$38,571	$42,576	$49,367	$55,123	$61,339
Personnel Compensation	27,544	29,938	34,307	37,079	39,760
Personnel Benefits	2,157	2,323	2,643	3,075	3,358
Printing and Reproduction	6,420	6,652	8,140	11,380	14,924
Other Costs	2,450	3,663	4,277	3,589	3,297
Total	38,571	42,576	49,367	55,123	61,339

*The Office of Planning, Budget, Evaluation and Forecast and the Office of Data Systems is included.

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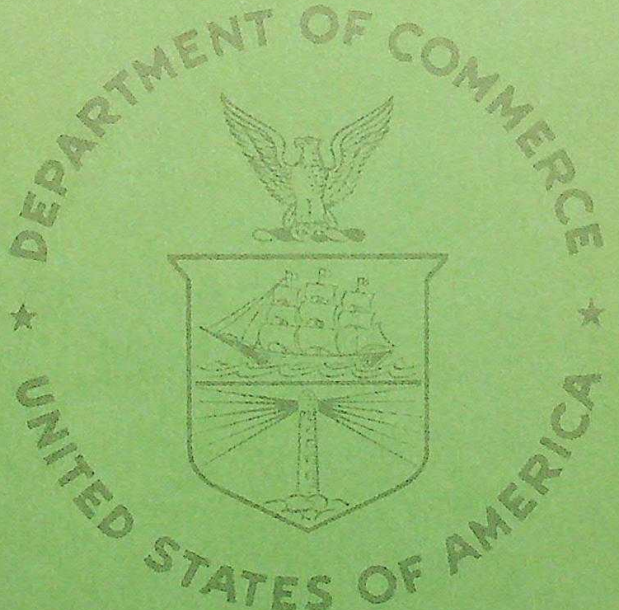
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